

Minimalist scale, unequaled performance that delivers

CHOPSTICK SUSPENDED LED PoE



SEMI-INDIRECT, MESOOPTICS LENS
CRI >80 4000K, 2400 lm/4ft

Project:

Spec Type:

Catalog No: 7505PAGxN

Qty

Line Notes:

Ordering guide

Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring	Voltage	Driver	Finish
<input type="text" value="7505"/>	<input type="text" value="P"/>	<input type="text" value="A"/>	<input type="text" value="G"/>	<input type="text" value="Q"/>	<input type="text" value="N"/>	<input type="text" value="04 4'"/>	<input type="text" value="7 1 cct w/ Dimming"/>	<input type="text" value="N Not applicable (Class 2)"/>	<input type="text" value="E Standard"/>	<input type="text" value="W Standard White"/>
Chopstick Susp Semi-Indirect	P LED PoE	A 4000K B 3500K C 3000K	G 2400 lm/4ft	Q MesoOptics Lens	N None	04 4' 08 8' XX Total run length (4' increments)				



* Nominal values within a range. Consult ies file for exact color temp, lumens and up/down distribution

Mounting Hardware

Mount Type

Consult separate mounting spec sheet for mount type options

Suspension Length

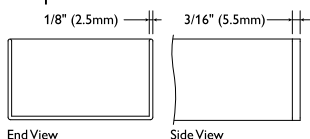
Distance from ceiling to top of luminaire in inches

Endcaps -

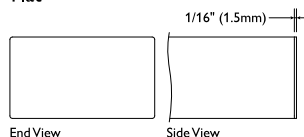
Integrated Controls Please indicate with check mark.

☐ Philips Actilume Daylight and Occupancy Sensor (DO)

Sculpted



Flat



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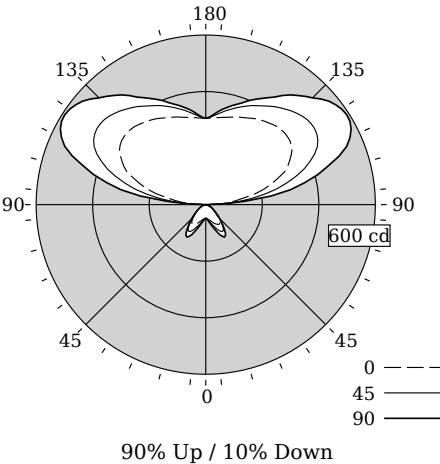


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Photometry



Total Output	2441 lm
Efficacy	109.5 lm/W
CCT	3916K
CRI	82
R9	10
Distribution	90% Up / 10% Down
Peak/Zenith Ratio	1.94
Peak Output	592 cd @ 123°
Meets RP-1-04 recommendations for VDT-Intensive spaces	

Values per 4ft unit

Fixture photometry has been conducted in accordance with IESNA LM-79-08

Lumen maintenance of the LEDs has been tested by the manufacturer in accordance with IESNA LM-80-08

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	48	48	48	48	48	0
5	50	50	51	50	52	5
15	58	59	67	69	74	19
25	74	78	96	107	117	44
35	84	93	110	120	121	65
45	61	66	67	72	71	53
55	36	38	37	38	37	34
65	20	21	20	20	18	20
75	9	8	7	8	6	8
85	2	2	1	1	0	1
90	0	0	0	0	0	0
95	80	73	110	113	138	110
105	215	221	297	357	410	312
115	320	340	425	508	563	421
125	369	398	470	549	588	422
135	376	406	457	516	534	355
145	361	389	423	458	471	265
155	339	364	387	404	411	177
165	320	334	350	362	363	99
175	308	310	316	320	320	31
180	305	305	305	305	305	0

Coefficients of Utilization (%)

RCR	Ceiling Wall:	80					70					50					0
		70	50	30	10	70	50	30	50	30	10	50	30	10	0	0	0
0		98	98	98	98	85	85	85	61	61	61	10					
1		89	85	81	78	77	74	71	54	52	50	9					
2		81	74	69	64	70	65	60	47	44	42	8					
3		74	65	58	53	64	57	51	41	38	35	6					
4		67	57	50	45	58	50	44	37	33	30	6					
5		62	51	43	38	53	45	38	33	28	25	5					
6		57	45	38	32	49	40	33	29	25	22	4					
7		52	41	33	28	45	36	29	26	22	19	4					
8		48	37	29	25	42	32	26	24	19	16	3					
9		45	33	26	22	39	29	23	21	17	14	3					
10		41	30	23	19	36	27	21	20	16	13	3					

Avg. Luminance (cd/m2)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1694	1721	1716
65	1263	1256	1175
75	912	744	660
85	499	285	71

Electrical Specifications

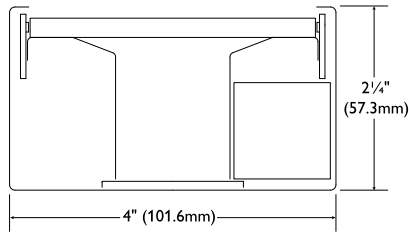
Input Voltage	PoE (51-54VDC)
Input Power	22.3W
Tested values – contact technical support for rated values. Standby power <0.9W	

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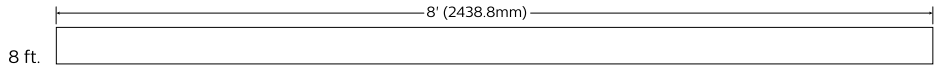
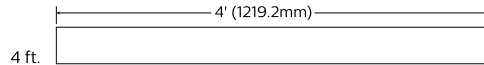
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Options and Details



Modules

Module length excludes end caps. Nominal mounting spacing for individually mounted modules.



Note: Refer to installation instructions for exact mount.

Optics & Styles

Housing

Precision formed 20 gauge cold-rolled steel.

Weight

Maximum 3.0lb/ft.

Optical System

A low-profile light guide panel is edge lit by an LED array. The light guide couples and transmits the light via total internal reflection, then the etched surface of the panel optimizes the light extraction to create a semi-indirect distribution. Light is purified and controlled by MesoOptics film as it passes through the nonglare acrylic lens.

Driver

Philips PoE Lighting Controller.

Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation is L₈₀ (12k) 70,000 hrs.

Mounting

tamper-resistant aircraft cable grippers provide infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

Joints

Self-aligning joining system with hands-free pre-joining wire access.

Endcaps

Diecast aluminum endcaps, available in flat (standard) or edge sculpted.

Electrical

Integrated CAT5e cable allows for upto 24" drop between Luminaire and Canopy. Mounting canopy provides RJ45 connection point for PoE network.

Approvals

Certified to UL, CSA and IES standards.

Finish

High quality powder coated, available in matte white.

Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F). Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants are not covered under warranty.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.



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